

PAT-NO: JP360127438A

DOCUMENT-IDENTIFIER: JP 60127438 A

TITLE: METHOD AND APPARATUS FOR LEAKAGE INSPECTION OF SEALED
CONTAINER

PUBN-DATE: July 8, 1985

INVENTOR-INFORMATION:

NAME

SHIBAZAKI, HISAICHI

TAKAMORI, SHIGERU

ASSIGNEE-INFORMATION:

NAME

COUNTRY

KISHIMOTO AKIRA

N/A

APPL-NO: JP58234754

APPL-DATE: December 13, 1983

INT-CL (IPC): G01M003/36

US-CL-CURRENT: 73/40, 73/49.3

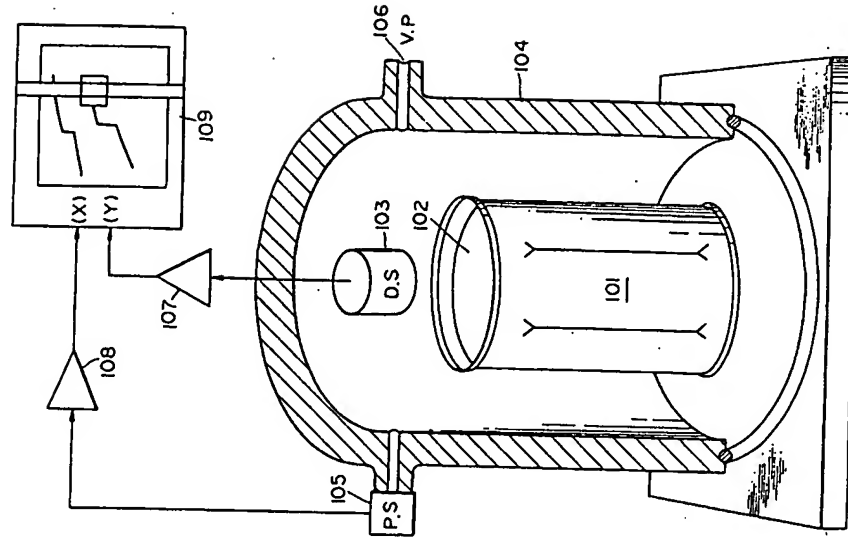
ABSTRACT:

PURPOSE: To perform the leak inspection of an individual container, which is accommodated in a carton case and the like, intactly, by measuring the displacement of the lid of the container by a non-contact type displacement gage.

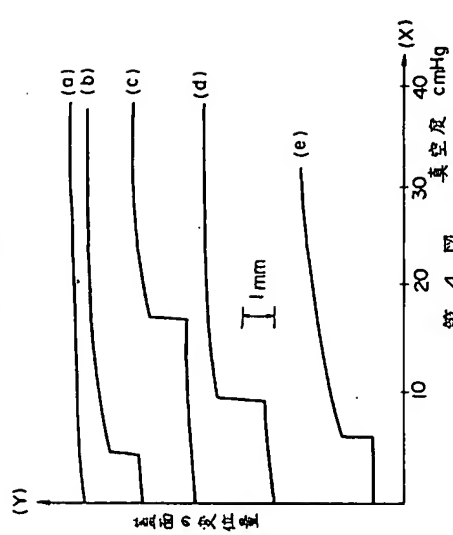
CONSTITUTION: In a carton case 310, containers 301-1~301-n filled with beverage are accommodated. The case 310 is provided in a vacuum tank 303. Non-contact type, eddy-current displacement gages 305-1~305-n are provided in correspondence with lid surfaces 302-1~302-n of the containers. The displacement of the lid surface of each container, when the pressure in the vacuum tank 303 is reduced, is measured. Based on the magnitude of the rate of change in said displacement, the leakage of the container is inspected. Thus the leak inspection of the individual container, which is accommodated in the carton case and the like can be carried out intactly.

COPYRIGHT: (C)1985,JPO&Japio

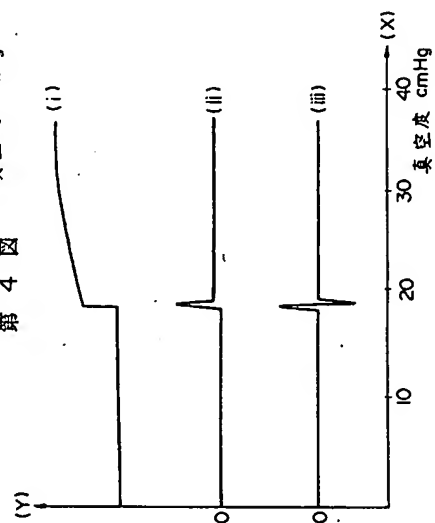
第 1 図



第 2 図



第 4 図



第 3 図

